

Claims:

1. A pigment composition comprising
 - (a) 60 to 90% of an organic pigment,
 - (b) 1 to 10% of a hyperdispersant,
 - (c) 1 to 10% of a synergist additive,
 - (d) 1 to 10% of a solvent, and
 - (e) 0 to 40% of rosin or a modified rosin.
2. The pigment composition according to claim 1, wherein the organic pigment (a) is a disazo pigment, preferably a diarylide pigment, a metal complex pigment, or a naphthol pigment.
3. The pigment composition according to claim 1, wherein the hyperdispersant (b) is a reaction product of a poly(lower alkylene)-imine with a polyester having a free carboxylic acid group, in which there are at least two polyester chains attached to each poly(lower alkylene)-imine.
4. The pigment composition according to claim 3, wherein the hyperdispersant (b) is a reaction product of polyethyleneimine of a molecular weight range of 500 to 100'000 with a polyester derived from a hydroxycarboxylic acid of the formula HO-X-COOH , wherein X is a divalent saturated or unsaturated aliphatic radical containing at least 8 carbon atoms, and in which there are at least 4 carbon atoms between the carboxylic and the hydroxy groups.
5. The pigment composition according to claim 1, wherein the synergistic additive (c) is an asymmetric disazo compound comprising a central divalent group, free from ionic substituents, linked through azo groups to two monovalent end groups, the first being free from any ionic groups and the second being a single substituted ammonium salt group.
6. The pigment composition according to claim 1, wherein the solvent (d) is an aliphatic or aromatic hydrocarbon distillate fraction of boiling points of the range of 100 to 350°C or a vegetable oil.
7. The pigment composition according to claim 6, wherein the vegetable oil is a triglyceride in which the fatty acid moieties have a chain length of 12 to 24 carbon atoms.

8. The pigment composition according to claim 1, wherein the modified rosin (e) is a rosin (acid) metal resinate, a rosin ester, such as a maleinized rosin, a pentaerythritol rosin and a rosin-modified phenolic resin, a vegetable oil based rosin ester, a hydrogenated rosin, a disproportionated rosin, or a dimerised, polymerised or part-polymerised rosin, or mixtures thereof.

9. An oil-based printing ink for lithographic printing containing as colourant a pigment composition according to any one of claims 1 to 8

10. The printing ink according to claim 9 containing as colourant 5 to 50% of the pigment composition, and optionally further customary additives.

11. A process for preparing the printing ink according to any one of claims 9 and 10 which comprises dispersing the pigment composition into a lithographic printing ink system.